



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Re: Application of: Michael HAUSMANN Confirm. No.: 5089  
Serial No.: 09/462,435  
Filed: June 19, 2000 as national phase of International Patent Application  
PCT/DE98/01908, filed July 9, 1998  
For: **WAVE FIELD MICROSCOPE, METHOD FOR A WAVE  
FIELD MICROSCOPE, INCLUDING FOR DNA  
SEQUENCING, AND CALIBRATION METHOD FOR  
WAVE FIELD MICROSCOPY**  
Examiner: Sisson, Bradley L.  
Art Unit: 1634  
Atty. Docket No: 113.1004  
Customer No.: 23280

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 15, 2005

**RESPONSE TO FINAL OFFICE ACTION**

Sir:

In response to the Final Office Action dated March 21, 2005 applicants hereby request reconsideration of the above-identified application based on the following comments and remarks:

Mail Stop: AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

In re application of: Michael HAUSMANN  
Serial No.: 09/462,435  
Filed: June 19, 2000

**WAVE FIELD MICROSCOPE, METHOD FOR A WAVE FIELD MICROSCOPE, INCLUDING  
FOR DNA SEQUENCING, AND CALIBRATION METHOD FOR WAVE FIELD  
MICROSCOPY**

Sir:

Transmitted herewith is a **Response to Final Office Action (13 pages)** in the above-identified application.

- ☒ Small entity status under 37 C.F.R. 1.9 and 1.27 has been previously established.  
☐ Applicants assert small entity status under 37 C.F.R. 1.9 and 1.27.  
☒ No fee for additional claims is required.  
☐ A filing fee for additional claims calculated as shown below, is required:

	(Col. 1)	(Col. 2)	
FOR:	REMAINING	HIGHEST	
	AFTER	PREVIOUSLY	PRESENT
	AMENDMENT	PAID FOR	EXTRA
TOTAL CLAIMS	* Minus 20	=	0
INDEP. CLAIMS	* Minus 3	=	0
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			

SMALL ENTITY		OR	LARGE ENTITY	
RATE	FEE		RATE	FEE
x \$ 25	\$		x \$ 50	\$
x \$100	\$		x \$200	\$
+ \$180	\$		+ \$360	\$

TOTAL: \$ OR TOTAL: \$

- \* If the entry in Co. 1 is less than the entry in Col. 2, write "0" in Col. 3.  
 \*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
 \*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

- ☐ Also transmitted herewith are:  
☐ Petition for extension under 37 C.F.R. 1.136  
☐ Other:  
☐ Check(s) in the amount of **\$0.00** is/are attached to cover:  
☐ Filing fee for additional claims under 37 C.F.R. 1.16  
☐ Petition fee for extension under 37 C.F.R. 1.136  
☐ Other:

- ☒ The Assistant Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0552.

- ☒ Any filing fee under 37 C.F.R. 1.16 for the presentation of additional claims which are not paid by check submitted herewith.  
☒ Any patent application processing fees under 37 C.F.R. 1.17.  
☒ Any petition fees for extension under 37 C.F.R. 1.136 which are not paid by check submitted herewith, and it is hereby requested that this be a petition for an automatic extension of time under 37 CFR 1.136.

Cary S. Kappel, Reg. No. 36,561  
 (Signing for William C. Gehris, Reg. No. 38,156)  
 DAVIDSON, DAVIDSON & KAPPEL, LLC  
 485 Seventh Avenue, 14<sup>th</sup> Floor  
 New York, New York 10018  
 Tel: (212) 736-1940  
 Fax: (212) 736-2427

I hereby certify that the documents referred to as attached therein and/or fee are being deposited with the United States Postal Service as "first class mail" with sufficient postage in an envelope addressed to "Mail Stop: AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" on June 15, 2005.  
 DAVIDSON, DAVIDSON & KAPPEL, LLC

BY:

Oliver Platz